

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 0 | ("((alignment or aligning) near16 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2)) near22 ((reference\$2 or identification\$6) adj3 (mark\$6))").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/01 16:58 |
| L2 | 1354 | ((alignment or aligning) near16 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2)) near22 ((reference\$2 or identification\$6) adj3 (mark\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:35 |
| L3 | 2771 | (detect\$6 or determination\$6 or measurement\$6) near5 ((inclination\$6 or tilt\$6) near4 (beam or alignment\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:37 |
| L4 | 152 | ((adjusted or adjusting or correction\$6) near6 ((alignment\$6) near3 (beam\$2))) near26 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:43 |
| L5 | 61 | 2 and 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:40 |
| L6 | 5 | 4 and 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:46 |
| L7 | 132825 | ("250"/\$7.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:41 |
| L8 | 92138 | ("356"/\$7.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:42 |

| | | | | | | |
|-----|-------|---|---|----|----|------------------|
| L9 | 22 | 5 and 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:01 |
| L10 | 38 | 5 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:42 |
| L11 | 1950 | ((adjusted or adjusting or correct\$6) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L12 | 3 | 9 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:48 |
| L13 | 3 | 10 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:50 |
| L14 | 11202 | (align\$6) near16 ((mark\$6 or reference\$2) near4 (substrate\$2 or wafer\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L15 | 59 | 5 and 14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L16 | 2300 | ((adjusted or adjust or redirect\$6 or adjusting or correct\$6) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:53 |

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| L17 | 3023 | ((adjusted or adjust or redirect\$6 or adjusting or correct\$6 or directs or directing or direct) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:05 |
| L18 | 10 | 15 and 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:54 |
| L19 | 1273 | (adjusted or adjust or adjusting) near6 ((align\$6) near3 (beam\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:06 |
| L20 | 2 | 5 and 19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:06 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 0 | ("((alignment or aligning) near16 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2)) near22 ((reference\$2 or identification\$6) adj3 (mark\$6))").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/01 16:58 |
| L2 | 1354 | ((alignment or aligning) near16 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2)) near22 ((reference\$2 or identification\$6) adj3 (mark\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:35 |
| L3 | 2771 | (detect\$6 or determine\$6 or measure\$6) near5 ((inclination\$6 or tilt\$6) near4 (beam or alignment\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:37 |
| L4 | 152 | ((adjusted or adjusting or correct\$6) near6 ((alignment\$6) near3 (beam\$2))) near26 (substrate\$2 or wafer\$2 or mask\$2 or reticle\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:43 |
| L5 | 61 | 2 and 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:40 |
| L6 | 5 | 4 and 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:46 |
| L7 | 132825 | ("250"/\$7.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:41 |
| L8 | 92138 | ("356"/\$7.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:42 |

| | | | | | | |
|-----|-------|---|---|----|----|------------------|
| L9 | 22 | 5 and 7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:01 |
| L10 | 38 | 5 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:42 |
| L11 | 1950 | ((adjusted or adjusting or correct\$6) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L12 | 3 | 9 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:48 |
| L13 | 3 | 10 and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:50 |
| L14 | 11202 | (align\$6) near16 ((mark\$6 or reference\$2) near4 (substrate\$2 or wafer\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L15 | 59 | 5 and 14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:52 |
| L16 | 2300 | ((adjusted or adjust or redirect\$6 or adjusting or correct\$6) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:53 |

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| L17 | 3023 | ((adjusted or adjust or redirect\$6 or adjusting or correct\$6 or directs or directing or direct) near6 ((align\$6) near3 (beam\$2))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:05 |
| L18 | 10 | 15 and 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 17:54 |
| L19 | 1273 | (adjusted or adjust or adjusting) near6 ((align\$6) near3 (beam\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:06 |
| L20 | 2 | 5 and 19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:06 |
| L21 | 1 | ((inclination) adj5 (alignment adj3 beam)) and ((adjusting) adj4 (alignment adj3 beam)) and ((reference adj3 mark) near6 (mark near3 substrate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:09 |